

start: winter term

1. Semester	2. Semester	3. Semester	4. Semester
Mixed-Signal IC Design Wicht 5 CP	Technology for Integrated Devices Krügener 5 CP	Sensors and Nanosensors – Measuring Non-Electrical Quantities Zimmermann 5 CP	Master's Thesis 6 months 27+3 CP
Design of Integrated Digital Circuits (VLSI Design) Blume 5 CP	Architectures for Digital Signal Processing Blume 5 CP	Advanced Module IV 5 CP	
Advanced Module I 5 CP	Analog Integrated Circuits Wicht 5 CP	Advanced Module V 5 CP	
Advanced Module II 5 CP	Advanced Module III 5 CP	Advanced Module VI 5 CP	
Studium Generale 5 CP	Lab Project I 5 CP	Lab Project II 5 CP	
German Language I 5 CP	German Language II 5 CP	Seminar on Microelectronics 3 CP	
		Fab excursion 2 CP	

Core modules	Advanced modules
Language and key competencies	Master's Thesis

start: summer term

1. Semester	2. Semester	3. Semester	4. Semester
Architectures for Digital Signal Processing Blume 5 CP	Mixed-Signal IC Design Wicht 5 CP	Technology for Integrated Devices Krügener 5 CP	Master's Thesis 6 months 27+3 CP
Analog Integrated Circuits Wicht 5 CP	Design of Integrated Digital Circuits (VLSI Design) Blume 5 CP	Advanced Module IV 5 CP	
Advanced Module I 5 CP	Sensors and Nanosensors – Measuring Non-Electrical Quantities Zimmermann 5 CP	Advanced Module V 5 CP	
German Language I 5 CP	Advanced Module II 5 CP	Advanced Module VI 5 CP	
German Language II 5 CP	Advanced Module III 5 CP	Lab Project II 5 CP	
Studium Generale 5 CP	Lab Project I 5 CP	Seminar on Microelectronics 3 CP	
	Fab excursion 2 CP		

Core modules	Advanced modules
Language and key competencies	Master's Thesis